#### 2008-09 ADE Educational Technology Survey

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#### **Directions**

Every district/charter in Arizona must complete the ADE Technology Survey on an **annual basis** in order to be compliance with E-Rate and NCLB Enhancing Education Through Technology, Title IID requirements.

The information gathered from this survey is used to make statewide informed decisions in the areas of technology and technology integration. The Educational Technology section of the Arizona Department of Education appreciates the time and effort it takes to complete the survey.

If you have any questions or need assistance in completing the survey, please contact: Brett Hinton, Ed Tech Program Specialist <a href="mailto:brett.hinton@azed.gov">brett.hinton@azed.gov</a>

**602-542-4214** 

Krystal Nesbitt, Ed Tech Administrative Assistant  $\underline{ krystal.nesbitt@azed.gov}$ 

**■** • 602-542-7884

Questions marked with the red asterisk (\*) are required items.

#### 1. **Demographics**

This section has questions regarding demographics of your district or charter school.

Your school system is a district or charter school?:\*

- District
- Charter

2.	What is the name of your district or charter school?:*
3.	Address 1*
4.	Address (2nd line)
5.	City*
6.	County*

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7.	State*
8.	Zip Code
9.	Telephone number:*
10.	Fax number (optional):
11.	District or charter school web address (URL):*
12.	How many schools are in your district (or charter school)?*
12	Survey completed by:*
13.	Survey completed by:
14.	Job Title
15.	Email address:*
16.	E-Rate Coordinator name (if none write "None").:*
17.	E-Rate coordinator email address:
18.	Technology director and /or coordinator's name:*
19.	Technology director and/or coordinator's email address:
20	
20.	How many technology trainers (coaches) are employed in your school/district? Trainers are employees who spend at least 1/2 of their paid time to train or assist teachers on technology and how to integrate technology into curriculum.

Name(s) of Educational technology trainers/coaches in your district or charter school:* Please separate the names by semi-colons
Educational Technology Specialist(s) or trainers <b>email address(es)</b> : Please separate the addresses by semi-colons
How many computers do you have in your school/district as of July 1st, 2008?
How many teachers do you have in your school or district as of July 1, 2008?

# **Infrastructure/Connectivity**

This section has questions regarding your district or charter school's infrastructure and connectivity.

25. Check percentage for each option below.:\*

	0%	1-25%	26-50%	51-75%	76-100%
What percentage of the schools in your district have classrooms connected to a local area network?	0	0	0	0	0
What percentage of the schools in your district are connected via a wide area network?	0	0	0	0	0
What percentage of your schools have access to the Internet?	0	0	0	0	0
What percentage of your schools have a dial-up modem connection?	0	0	0	0	0

26. What is the Internet connection speed (Bandwidth) to the district or charter school and between the buildings?:\*

0 1 E4	1 [ / 2 0	2 0 10	10 4E	4E 00	100 154	155	Greater	
0-1.54	1.54-3.0 Mb	3.0-10	10-45	45-99	100-154	Mh-1	than 1	NI/A
Mh	Mh	Mh	Mh	Mh	Mh	I-ID I	tilali 1	14/ /
110	110	110	110	110	110	Gb	Gb	

	Bandwidth to the district or charter school	0	0	0	0	0	0	0	0	0
	Bandwidth to your elementary buildings (WAN)	0	0	0	0	0	0	0	0	0
	Bandwidth to your middle school/junior high buildings (WAN)	0	0	0	0	0	0	0	0	0
	Bandwidth to your high school buildings (WAN)	0	0	0	0	0	0	0	0	0
27.	Who is your district/cl	narter so	hool ISP (	Internet	Service	Provider	)? (Check	all that a	apply)*	
	□ Qwest									
	□ Cox									
	$^{\square}$ Time Warner									
	☐ Frontier									
	☐ Cable One									
	□ Telespectra									
	☐ Valley Telecom									
	☐ Other, please spe	cifv								
	other, piease spe	··· /								
	center, piedse spe	··· /								
20			rops por s	laccroom	n2+*					
28.	Average number of ne			classroom			7-10		10-15	5
28.			rops per c 0-3	classroom	1?:* 4-6		7-10 ©		10-15	5
	Average number of no Number of drops:	etwork d	0-3		4-6					5
	Average number of no Number of drops:  How many of your sch	etwork d	0-3 O ave a wire	eless net	4-6 O work in p					5
	Average number of no Number of drops:	etwork d	0-3 O ave a wire	eless net	4-6 O work in p					5
29.	Average number of no Number of drops:  How many of your sch	nool(s) h	0-3  o  ave a wire 49%  ess network	eless netv 50-74%	4-6 © work in p	100%	0	overed by	0	
29.	Average number of new Number of drops:  How many of your schools with the school with the sc	nool(s) h 25- a a wirelehat apply	0-3  o  ave a wire 49%  ess network	eless netv 50-74%	4-6 © work in p	100%	0	overed by	0	
29.	Average number of not	nool(s) h 25- a a wirelehat apply	0-3  o  ave a wire 49%  ess network	eless netv 50-74%	4-6 © work in p	100%	0	overed by	0	
29.	Average number of not	nool(s) h 25- n a wirele hat apply	0-3  o  ave a wire 49%  ess network	eless netv 50-74%	4-6 © work in p	100%	0	overed by	0	
29.	Average number of not	nool(s) h 25- n a wirele hat apply	0-3  o  ave a wire 49%  ess network	eless netv 50-74%	4-6 © work in p	100%	0	overed by	0	
29.	Average number of not Number of drops:  How many of your school of None 1-25%  For those schools with network? (Check all the Computer Lab  Teacher/Staff Lou	nool(s) h 25- n a wirele hat apply fices nge	0-3  o  ave a wire 49%  ess network	eless netv 50-74%	4-6 © work in p	100%	0	overed by	0	
29.	Average number of not Number of drops:  How many of your school on None 1-25%  For those schools with network? (Check all the Computer Lab Teacher/Staff Lou Guidance Offices	nool(s) h 25- n a wirele hat apply fices nge	0-3  o  ave a wire 49%  ess network	eless netv 50-74%	4-6 © work in p	100%	0	overed by	0	
29.	Average number of not Number of drops:  How many of your schools with network? (Check all the Computer Lab Teacher/Staff Loud Guidance Offices Library/Media Centrol Classrooms	nool(s) h 25- n a wirele hat apply fices nge	0-3  o  ave a wire 49%  ess networ	eless netv 50-74%	4-6 © work in p	100%	0	overed by	0	
29.	Average number of not Number of drops:  How many of your scl.  None 1-25%  For those schools with network? (Check all times and the computer Lab  Computer Lab  Teacher/Staff Lou  Guidance Offices  Library/Media Cer  Classrooms	nool(s) h 25- n a wirele hat apply fices nge	0-3  o  ave a wire 49%  ess networ	eless netv 50-74%	4-6 © work in p	100%	0	overed by	0	

Hardware/	<b>Software</b>
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This section has questions regarding hardware found in the district or charter school.

31. Student to computer ratio (only include computers that students have access to and that are connected to the network):\*

	1:1	2:1	3:1	4:1	5:1	6:1	7:1	8:1	9:1	10:1
Student to computer ratio:	0	0	0	0	0	0	0	0	0	0

32. Please indicate the percentage of computers that fall into each age bracket below:\*

	0%	1-25%	26-50%	51-75%	76-100%
Under 3 years old	0	0	0	0	0
3-5 years old	0	0	0	0	0
Over 5 years old	0	0	0	0	0

33. Please provide the approximate percentage of total computers that use the following operating systems:\*

	0%	1-25%	26-50%	51-75%	76-100%
Windows 98	0	0	0	0	0
Windows 2000	0	0	0	0	0
Windows NT	0	0	0	0	0
Windows XP	0	0	0	0	0
Windows Vista	0	0	0	0	0
Mac OS 9 +	0	0	0	0	0
Mac OS X+	0	0	0	0	0
Linux	0	0	0	0	0
Other	0	$\circ$	0	0	0

34.	Please select all of the Internet browsers that are officially supported in your school or distri	ict?:
	(Check all that apply)*	

Internet Explorer	6	(Windows)	
THICH HEL EXPIDITE	U	( vviiiuovv5)	

- $\ \square$  Internet Explorer 7 (Windows)
- $\ \square$  Firefox (OS X or Windows)
- $\hfill\Box$  Opera (OS X or Windows)
- ☐ Safari (OS X)
- ☐ Camino (OS X)
- $\ \square$  Internet Explorer for Mac (for OS 9 or OS X)
- Other, please specify

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35.	What Student Information System does your school or dis This information will help provide valuable of Technology Plan Revision committee as the re-writing the state plan.	lata fo	r the s	tate Edu		
	SASI					
	PowerSchool					
	SchoolMaster					
	Other, please specify					
36.	Please indicate the percentage of <b>administrators</b> that reportable devices?:*	eceive th	e followi	ing district	-supplie	d
		None	Under 25%	25-50%	Over 50%	100%
	Palm (smartphone or handheld)					
	Windows Mobile (smartphone or handheld)					
	Blackberry					
	Cell Phone					
	Laptops					
37.	Please indicate the percentage of <b>teachers</b> that receive t	the follow	wing dist	rict-suppli	ed porta	able
	devices?:*					
	devices?:*	None	Under 25%	25-50%	Over 50%	100%
	Palm (smartphone or handheld)	None		25-50%		100%
		_	25%		50%	
	Palm (smartphone or handheld)		25%		50%	
	Palm (smartphone or handheld) Windows Mobile (smartphone or handheld)		25%		50%	
	Palm (smartphone or handheld) Windows Mobile (smartphone or handheld) Blackberry		25%		50%	
38.	Palm (smartphone or handheld) Windows Mobile (smartphone or handheld) Blackberry Cell Phone		25%		50%	
38.	Palm (smartphone or handheld) Windows Mobile (smartphone or handheld) Blackberry Cell Phone Laptops Please indicate the percentage of <b>students</b> that receive to		25%		50%	
38.	Palm (smartphone or handheld) Windows Mobile (smartphone or handheld) Blackberry Cell Phone Laptops Please indicate the percentage of <b>students</b> that receive to	:he follow	25%	= = = = = = = = = = = = = = = = = = =	50%  □ □ □ □ □ Over	able
38.	Palm (smartphone or handheld) Windows Mobile (smartphone or handheld) Blackberry Cell Phone Laptops Please indicate the percentage of <b>students</b> that receive to devices?:*	che follow	25%	crict-supplication 25-50%	50%  □ □ □ □ Over 50%	able 100%
38.	Palm (smartphone or handheld) Windows Mobile (smartphone or handheld) Blackberry Cell Phone Laptops Please indicate the percentage of <b>students</b> that receive to devices?:*  Palm (smartphone or handheld)	che follow	25%  Under 25%	crict-supplication 25-50%	50%	able 100%
38.	Palm (smartphone or handheld) Windows Mobile (smartphone or handheld) Blackberry Cell Phone Laptops Please indicate the percentage of <b>students</b> that receive to devices?:*  Palm (smartphone or handheld) Windows Mobile (smartphone or handheld)	che follow	25%  Under 25%	25-50%	50%  Cover 50%  Cover 50%	able 100%
38.	Palm (smartphone or handheld) Windows Mobile (smartphone or handheld) Blackberry Cell Phone Laptops Please indicate the percentage of <b>students</b> that receive to devices?:*  Palm (smartphone or handheld) Windows Mobile (smartphone or handheld) Blackberry	che follow	25%  Under 25%	25-50%	50%  Cover 50%  Cover 50%	100%

## **Computers and Internet Connection**

Please indicate the number of computers per school in your district that have each type of Internet connection:?

**NEW Federal Requirement**: ADE is required by the federal government to collect on a school-level basis, the number of computers with each type of Internet connection. Please indicate the school name, CTDS number, and the number of computers with each type of Internet connection.

Please submit the information for each school in your district/charter. Click submit after you enter the information for each school and you will be given the option to return to the form to submit additional schools.

When you are finished submitting information for **all** of your schools, please click on the Next button to move on to the next section of the survey.

For the purpose of the question below, broadband is defined as T-1 connection or greater. Dial-up is 56k or less connections. No connection are standalone computers with no connection to the Internet).

\* Required

### **School Level Computer Access data**

CTDS *	
School Name *	
# of Computers with Broadband Connection *	
# of Computers with Dial-up Connection (If none, please indica	te 0) *
# of Computers with No Internet Connection (If none, please in	dicate 0) *
Submit	
Powered by Google Docs	
Terms of Service - Additional Terms	

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## **Student Computer Usage and Technology Literacy**

This section has questions regarding students use of computers in your district or charter school.

39. Where do students use computers in your school or district (Check all that apply)?:\*

	Students	use	computers	in	the	lab.
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- $\hfill\Box$  Students use computers in the library/media center.
- $\hfill\Box$  Students use technology in their regular classroom.

Other, please specify

Does your distriction and/or teachers	ct or charter scho ?: *	ol have a wri	tten Internet	usage policy	in place for st	udents
○ Yes						
○ No						
						Pag
Additional	Internet Po	licy Ques	tions			
Is your Internet	usage policy onli	ne?				
O Yes						
○ No						
If yes, what is the	ne URL for your I	nternet usage	policy?			
Internet Po	olicv - Help					Pag
		on date for a v	written Inter	net Use policy	?:	
What is your est						
What is your est	istance in creatir	ng an acceptal	ble use policy	/?:		
Do you need ass						
Do you need ass						
Do you need ass  Yes	e contact person	?:				

#### **Online Learning & e-Learning**

☐ Other, please specify

The data collected in this part of the survey will serve to inform the ADE Educational Technology Plan Revision Committee on Online Learning in the state as well as the Arizona e-Learning Taskforce.

48. Does your district utilize a learning management system (LMS)?\*

A Learning Management System (LMS) is a web-based software application that allows students to engage in learning activities via the web. An LMS generally allows students access to online "courses" of content and activities that can supplement traditional classroom instruction or function independently as an online course.

		ntent and activities that can supplement traditional classroom struction or function independently as an online course.
	0	Yes
	0	No
49.		res, what type learning management system (LMS) does your district/school currently use? neck all that apply)
		Blackboard/WebCT
		Angel
		Moodle
		eCollege
		Sakai
		Desire2Learn
		Other, please specify
50.	Ηοι	w does your district host your learning management system?
	0	Pay vendor for hosting
	0	Hosted by school district
	0	N/A
51.	If y	our district has an LMS, what types of activities does your district utilize it for: (Check all that bly)
		Professional Learning Communities
		Online Professional Development
		Distance Learning
		Hybrid Learning (mixture of face-to-face and online activities)

	Does your district offer students the opportunity to earn credits through a distance learning program?*
	O Yes
	○ No
53.	Who is/are the provider(s) of the distance learning curriculum?
53.	Who is/are the provider(s) of the distance learning curriculum?

### **Teacher Technology Proficiency**

This section has questions regarding teacher technology proficiency.

54. How would you rate the skill level of your **typical teacher** on a scale of 0 to 5, where 0 is a non-user, 1 is beginner and 5 is advanced?:\*

	0 Non-User	1 Beginner	2	3 Average	4	5 Advanced
Use of basic computer components & features	0	0	0	0	0	0
Integration of technology to teach Arizona Content Standards	0	0	0	0	0	0
Use of spreadsheet software	0	0	0	0	0	0
Use of presentation software	0	0	0	0	0	0
Use of database software	0	0	0	0	0	0
Use of e-mail and calendaring software	0	0	0	0	0	0
Use of effective Internet searching techniques	0	0	0	0	0	0
Use of online project-based activities	0	0	0	0	0	0
Use of distance learning equipment and infrastructure	0	0	0	0	0	0
Use of electronic grade books	0	0	0	0	0	0
Use of online attendance, lesson planning, curriculum mapping, etc.	0	0	0	0	0	0
Use of online assessments	0	0	0	0	0	0
Use of multimedia peripherals (dig. Cameras, scanners, document readers)	0	0	0	0	0	0
Create and maintains a classroom website	0	0	0	0	0	0
Using Web 2.0 tools (podcasting, blogs, wikis, etc.)	0	0	0	0	0	0

55. Other teacher technology skills

56.	Total number of training hours for a <b>typical teacher</b> in a sch	nool yea	ır.:*			
		0	1-2	3-4	5-6	7 or more
	Internet use	0	0	0	0	0
	Using distance-learning equipment	0	0	0	0	0
	Use of basic computer components & features	0	0	0	0	0
	Integration of technology to teach Arizona Content Standards	0	0	0	0	0
	Use of productivity software (spreadsheets, word processing, etc)	0	0	0	0	0
	Use of e-mail and/or calendaring software	0	0	0	0	0
	Other software applications	0	0	0	0	0
	Use of effective Internet searching techniques	0	0	0	0	0
	Use of online project-based activities	0	0	0	0	0
	Use of electronic grade books	0	0	0	0	0
	Use of online attendance, lesson planning, curriculum mapping, etc.	0	0	0	0	0
	Use of online assessments	0	0	0	0	0
	Use of multimedia peripherals (dig. Cameras, scanners, document readers)	0	0	0	0	0
	Create and maintains a classroom website	0	0	0	0	0
	Using Web 2.0 tools (podcasting, blogs, wikis, etc)	0	0	0	0	0
57.	How were the above ratings determined? (Check all that app	oly.):*				
	□ Survey					
	☐ Administrator Observations					
	☐ Professional Development Logs/In-Service Documentation	n (e.g.	sign-in s	sheets)		
	□ Interview					
	Other, please specify	_				
58.	What incentives does your district provide teachers to use teall that apply.):*	chnolog	y or to c	btain tr	aining?	(Check
	☐ Salary supplement					
	☐ Participation in special workshops					
	$\ \square$ Additional resources for their classroom					
	☐ School or district recognition program					
	☐ Free software					

$^{\square}$ Travel and/or expenses are paid for teachers who complete training
$\square$ Mentor teacher designation (or similar designation)
Release time
☐ Positive evaluations
$^{\square}$ Free or discounted computers for their own use
Course credit toward certification
$\ \square$ Connection to the Internet from home through the schools' network
Other, please specify
59. Does your district or charter school include professional development days to allow teachers to learn or upgrade their technology and computer skills?:*
○ Yes
O No
60. If yes, how many professional development days are devoted to technology?:
□ <sub>1-3</sub>
□ <sub>4-5</sub>
□ 6 or more
61. Have you fully integrated technology into the curriculum?*
The state definition for "fully integrated technology into the curriculum" is LEAs have embedded appropriate technology to support student learning across all curricular areas.
This question is mandated by the NCLB Title II-D legislation and is a data element reported to the Federal government through the EDEN service.
O Yes
O No
62. Please share any feedback you may have on your answer to the question above about how you are fully integrating technology into your curriculum?

## **Administrator Technology Proficiency**

This section has questions regarding administrator technology proficiency.

63. How would you rate the skill level of your district or charter school's administrators (business manager, superintendent, principals, curriculum department heads, etc.)?:\*

	0 Non-User	1 Beginner	2	3 Average	4	5 Advanced
Use of basic computer components & features	0	0	0	0	0	0
Use of productivity software	0	0	0	0	0	0
Use of data analysis software/tools	0	0	0	0	0	0
Use of e-mail to communicate with others	0	0	0	0	0	0
Use of effective Internet searching techniques	0	0	0	0	0	0
Online ADE projects such as Grants Mgmt	0	0	0	0	0	0
Use of SAIS Reporting	0	0	0	0	0	0
Models and encourages teachers to utilize a variety of technology	0	0	0	0	0	0

64.	Other administrative technology skills

65. Total hours of technology training for administrators in a school year.:\*

	0-1	2-3	3-4	4-6	7 or more
Use of basic computer components & features	0	0	0	0	0
Use of productivity software	0	0	0	0	0
Use of data analysis software/tools	0	0	0	0	0
Use of e-mail to communicate with others	0	0	0	0	0
Use of effective Internet searching techniques	0	0	0	0	0
Online ADE projects such as Grants Mgmt	0	0	0	0	0
Use of SAIS Reporting	0	0	0	0	0

	Models and encourages teachers to utilize a variety of technology	0	0	0	0	0
66.	How were the above rating	gs determined	d? (Check all t	nat apply.):*		
	□ Survey					
	□ Observations					
	☐ Professional Developm	ent Logs/In-S	Service Docum	entation (e.g. si	gn-in sheets)	
	☐ Interview					
	$\square$ Other, please specify					
						Page 11
	Funding					
	This section has questions i		_			
67.	How is technology funded f	-	ct or charter s	chool? (Check a	II that apply): <sup>,</sup>	k
	Regular operating budg	get				
	☐ Capital outlay funds					
	☐ Federal Funding (comp	etitive or forr	nula Title fund	ling)		
	Grants					
	☐ Bonding authority (e.g.	•		gy bond)		
	☐ Vendor or service prov	ider contribut	tions			
	Loans from financial in	stitution				
	□ E-Rate					
	Other, please specify					
68.	If you <b>do not</b> participate in	n E-Rate, plea	ase share brief	ly below why yo	u do not parti	cipated?
	The E-Rate participation in understand the challenges districts and how to better	and benefits	to E-Rate part	icipation that are		
60	Does your school or district	t uso logges t	o purchase ser	mnutors?*		

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ADE Educational Technology Section Feedback	http://www10.ade.az.gov/selectsurveynet/Print.aspx?SurveyID=4			
<sup>©</sup> Yes				
○ No				

This section has questions regarding support for your district or charter school's technology. 70. Please indicate the number of paid technical support staff employed by your school/district?\*

curriculum development or staff development positions related to

71. How many total hours per week do students or other non-school staff spend providing technical support to the district or charter school? (Note that student positions may be paid or volunteer.):\*

ADE Educational Technology Section Feedback

72. How can ADE Educational Technology staff better support you?

Number of hours per week:

For calculating the number of personnel, please only use paid technical support staff, counting both technical staff and teachers, who have been given specific assignments for technical support (repair or support services)? Report only school based technical support personnel, not

Support

technology.

Students'

Others, including volunteers'

Technology section to provide?

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73. What are some topics for assistance trainings/workshops that you would like the ADE Educational

74.	Wh	at would be your preferred format for those trainings/workshops? (Check all that apply)
		Face-to-Face
		Online Course
		Webinar
		Information posted to Website
		Quick Fact Sheets available for download
		Other, please specify